U. S. F. C.
Records.

Nos. 1029-1049.

1881.

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION NUMBERS

Numbers 1029 to 1049

U. S. Fish Comm.

Records.

Nos. 1029 - 1049.

1881.

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1029.

Date, Sept. 14, 1881.

Locality,

Bearings, Lat. 39° 57' N.
Long. 69° 16 W.

Time of day, 12.13 P.M. of tide,

State of sky, Clear

Temperature of air, 72.

" surface of water, 68.

" at depth of 5 fathoms, 66.

" of bottom, 40

Depth, in fathoms, 458.

Nature of bottom, Yellow mud

Direction of surface current, and Drift E.N.E. force 4.

Force of surface current, N.E. by N. 1 mile

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Rake Dredge.

Current number of observation, 1030.

Date, Sept. 14, 1881.

Locality,

Bearings, Lat. 39° 5' 8' 30" N
Long. 69° 15' W

Time of day, 1.52 P.M.; of tide,

State of sky, foggy.

Temperature of air, 65.

" surface of water, 66.

" at depth of 5 fathoms, 66.

" of bottom, 41.

Depth, in fathoms, 337.

Nature of bottom, Yellow mud.

Direction of ~~surface current~~ wind, E. N. E.; force 4.

~~Force of surface current~~ drift, N. by W. 1½ m

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl.

Current number of observation, 1031.

Date, Sept. 14. 1881.

Locality,

Bearings, Lat. 39° 57' N
Long. 69° 19' W.

Time of day, 2.54 PM.; of tide,

State of sky, foggy

Temperature of air, 64.

" surface of water, 65.

" at depth of 5 fathoms, 63.5

" of bottom, 46.

Depth, in fathoms, 255.

Nature of bottom, Yellow mud.

Direction of ~~surface current~~ wind, N. N. E. force 4.

Force of ~~surface current~~ Drift, N. W. by N. 1½ m

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Small beam trawl.

Current number of observation, 1032.

Date, Sept. 14. 1881.

Locality,

Bearings, Lat. 39° 56' N
Long. 69° 22' W.

Time of day, 4. P.M. ; of tide,

State of sky, Cloudy

Temperature of air, 65.

" surface of water, 65.

" at depth of 5 fathoms, 63.5

" of bottom, 46.

Depth, in fathoms, 208.

Nature of bottom, Yellow mud

Direction of surface current, wind N.E. force 5

Force of surface current, drift N.W. 3/4 m

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Bean Trawl.

Current number of observation, 1033.

Date, Sept. 14, 1881.

Locality,

Bearings, Lat. 39° 56' N
Long. 69° 24' W.

Time of day, 4.55 P.M. of tide,

State of sky, b. c.

Temperature of air, 66.

" surface of water, 63.

" at depth of 5 fathoms, 63.

" of bottom,

Depth, in fathoms, 183.

Nature of bottom, S. and S.

Direction of ~~surface current~~, N. E. Force 3

Force of ~~surface current~~, Light N. N. W. 2 knots.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trask

Current number of observation, 1034.

Date. Sept. 14, 1881.

Locality,

Bearings. Lat. 39° 56' N.
Long. 69° 26' W.

Time of day, 5, 55 P.M. of tide,

State of sky, L. C.

Temperature of air, 66.

" surface of water, 62

" at depth of 5 fathoms, 60

" of bottom, 46.5

Depth, in fathoms, 146.

Nature of bottom, sand & yellow mud

Direction of ~~surface current~~ wind N. E. Force 3.

Force of ~~surface current~~ Draft N. N. W. 1/2 m.

Direction of bottom current.

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Bean Frame

Current number of observation, 1035.

Date, Sept. 14, 1881.

Locality,

Bearings. Lat. 39° 57′
Long. 69° 28′ W.

Time of day, 6, 56 P.M. of tide.

State of sky, C. C.

Temperature of air, 65.

" surface of water, 62.

" at depth of 5 fathoms, 60.

" of bottom, 47.

Depth, in fathoms, 120.

Nature of bottom, Sand.

Direction of ~~surface~~ current, N. E. Force 3

Force of ~~surface~~ current, 71. 3/4 m.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Rake Dredge

Current number of observation, 1036.

Date, Sept. 14. 1851.

Locality,

Bearings, Lat. 39° 58' N
Long. 69° 30' W.

Time of day, 7.54 P.M.; of tide,

State of sky, S. C.

Temperature of air, 62.

" surface of water, 61.5

" at depth of — fathoms,

" of bottom, 51.

Depth, in fathoms, 94.

Nature of bottom, Sand.

Direction of surface current, N.E. force 4.

Force of surface current, N. N. W. 2 knots

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl

Current number of observation, 1037

Date, Sept. 15, 1854

Locality, Off Gay Head.

Bearings, Gay Head N. by E. 3/4 E.
3/4 miles.

Time of day, 8, A.M.; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms, 8

Nature of bottom, Sand (broken)

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

Trawl caught, and
but little brought up

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl.

Current number of observation, 1038.

Date. Sept. 21, 1881.

Locality, Off Martha's Vineyard.

Bearings, Lat. 39° 58' N.
Long. 70° 06' W.

Time of day, 6.55 a.m.; of tide,

State of sky. Hazy.

Temperature of air, 67°

" surface of water, 67°

" at depth of 5 fathoms, 68°

" of bottom, 47°.

Depth, in fathoms, 146.

Nature of bottom. Sand and shells.

Direction of ~~surface current~~ wind N. N. E. Force 4.

Force of ~~surface current~~ drift N. by E., 1 mile.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

1038

REMARKS.

Archaster Florae 7.
Very large quantities of Antedon, composing the larger part of the haul by bor.
A large species of Cidaris (new?)
Newsearchin of last year.
Archaster Florae.
Ophiurans, very abdt.
Most everything washed out of trawlevings.
Luidia elegans. fragmts.
Diplopteraster 3
Near this place and another earlier a trawl line was set for Sophokatilus in 107 fms. Mud and shells. Many ascidians, Sponges and hydroids & actiniae came up on the hooks. They are labeled "1038. Trawl line."

TEMPERATURE RECORD.

Instrument used, Trawl.

Current number of observation, 1039.

Date. Sept. 21, 1881.

Locality. Lat. 39° 59' N.

Bearings, Long. 70° 06' W.
off Martha's Vineyard.

Time of day, 9.35 ; of tide,

State of sky, Hazy,

Temperature of air, 66.30

" surface of water, 67.

" at depth of 5 fathoms, 68.

" of bottom, 50.

Depth, in fathoms, 130 - 136.

Nature of bottom, sand & shells.

Direction of ~~surface current~~ wind N. E. force 6.

Force of ~~surface current~~ Drift N. by E. 2 miles.

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

1039.

REMARKS.

But very little came up in this haul the trawl apparently not keeping on the bottom. The nets had very little in them. Most every thing washed out of the glyphs [illegible], &c.

TEMPERATURE RECORD.

Instrument used, Excelsior Dredge.

Current number of observation, 1040.

Date, Sept. 21, 1881.

Locality, Lat. 40° 00' N.

Bearings, Long. 70° 06' W.
off Martha's Vineyard.

Time of day, 10, 43; of tide.

State of sky, Hazy.

Temperature of air, 64.

" surface of water, 68

" at depth of fathoms,

" of bottom, 66.

Depth, in fathoms, 93.

Nature of bottom, sand & shells.

Direction of ~~surface current~~ wind N. N. E. Force 6.

~~Force of surface current~~ Drift N. by E. 2 miles

Direction of bottom current.

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

1040.

REMARKS.

The dredge caught on some obstruction was badly bent, and broke safety ropes. Nearly everything was lost.

TEMPERATURE RECORD.

Instrument used, Trawl.

Current number of observation, 1041.

Date, Sept. 22, 1881.

Locality, Vineyard Sound.

Bearings, West Chop light
E. 1/2 N., 1 3/4 miles.

Time of day, 12.33 P.M.; of tide,

State of sky, b. c.

Temperature of air, 63.3

" surface of water, 65.

" at depth of 5 fathoms, 65.

" of bottom, 65.

Depth, in fathoms, 9.

Nature of bottom, Gravel

Direction of ~~surface current~~, S. S. W.

Force of ~~surface current~~, 4

Direction of ~~bottom current~~, W. S. W., 3/4 m.

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl.

Current number of observation, 1042.

Date. Sept. 22. 1881.

Locality, Vineyard Sound.

Bearings, West Chop Light E. ½ N., 1½ miles.

Time of day, 1.17 P.M. of tide,

State of sky, b. c.

Temperature of air, 63.3

" surface of water, 65.

" at depth of fathoms,

" of bottom, 65.

Depth, in fathoms, 6.

Nature of bottom, S. & gravel

Direction of ~~surface current~~ wind S.S.W.

Force of ~~surface current~~, " 5.

Direction of ~~bottom current~~ drift W. by N., ½ mile

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl

Current number of observation, 1043.

Date, Oct. 10, 1881.

Locality, Off Capes of Delaware.

Bearings, Lat. 38° 39' N.
Long. 73° 11' W.

Time of day, 7.17 a.m.; of tide,

State of sky, partly cloudy.

Temperature of air, 63.5

" surface of water, 65.5

" at depth of 5 fathoms, 65.5

" of bottom, 49.

Depth, in fathoms, 130.

Nature of bottom, Sand.

Direction of ~~surface current~~ wind, N. N. E.

Force of ~~surface current~~ " 4

Direction of ~~bottom current~~ drift, N. W. by N., 1 3/4 m.

Force of bottom current.

Name of vessel.

To what service attached.

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl.

Current number of observation, 1044.

Date, Oct. 10, 1881.

Locality. Off Capes of Delaware.

Bearings Lat. 38° 37' N.
Long. 73° 12' W.

Time of day, 8. 15. a.m.; of tide,

State of sky, Cir. Cu. m.

Temperature of air, 65.

" surface of water, 66.

" at depth of 5 fathoms, 66.

" of bottom, 42.5

Depth, in fathoms, 224.

Nature of bottom, Grey mud.

Direction of ~~surface current~~ wind, N.W.

Force of ~~surface current~~ 4, 3,

Direction of ~~bottom current~~ drift, N. N. W; 1/2 m.

Force of bottom current,

Name of vessel,

To what service attached.

Name and rank of commanding officer,

Name and position of observer,

Came up empty. Dropped to 200 fms.

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl

Current number of observation, 1045.

Date, Oct. 10, 1881.

Locality, Off Capes of Delaware

Bearings, Lat. 38° 35' N.
Long. 73° 13' W.

Time of day, 9.32 a.m.

State of sky, partly cloudy

Temperature of air, 67.

" surface of water, 66.

" at depth of 5 fathoms, 66.

" of bottom, 40.

Depth, in fathoms, 312.

Nature of bottom, Grey mud

Direction of ~~surface current~~ wind N.N.W.

Force of ~~surface current~~, 3.

Direction of bottom current, W. 3/4 N. 3/4 W.

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl.

Current number of observation, 1046.

Date, Oct. 10, 1881.

Locality, Off Capes of Delaware

Bearings, Lat. 38° 33' N.
Long. 73° 18' W.

Time of day, 11.14 A.M.

State of sky, Clear.

Temperature of air, 66.

" surface of water, 66

" at depth of 5 fathoms, 65.

" of bottom, 51.

Depth, in fathoms, 104.

Nature of bottom, Sand

Direction of ~~surface current~~ wind, N.

Force of ~~surface current~~, 4, 4

Direction of ~~bottom current~~, Light W. N. W., 3/4 m.

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

Living Specimen of Dolium

TEMPERATURE RECORD.

Instrument used, Trawl.

Current number of observation, 1047.

Date, Oct. 10. 1881.

Locality, Off Capes of Delaware

Bearings, Lat. 38° 30' N.
Long. 73° 21' W.

Time of day, 12,15 P.M.

State of sky, Clear

Temperature of air, 69.

" surface of water, 66

" at depth of 5 fathoms, 65.

" of bottom, 49.

Depth, in fathoms, 156.

Nature of bottom, Sand.

Direction of ~~surface current~~ wind N.

Force of ~~surface current~~ " 4.

Direction of ~~bottom current~~ Drift N. W. 1½ m.

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Tank

Current number of observation, 1048.

Date, Oct. 10, 1881.

Locality, Off Cape of Delaware

Bearings, Lat. 38° 29' N.
Long. 73° 21' W.

Time of day, 1,55 P.M.

State of sky, Clear

Temperature of air, 71.

" surface of water, 66.

" at depth of 5 fathoms. ~~66.~~ 65.

" of bottom, 40.

Depth, in fathoms, 435.

Nature of bottom, mud

Direction of ~~surface current~~ wind, N.

Force of ~~surface current~~ " 4.

Direction of ~~bottom current~~ drift- W. 2 miles

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Trawl

Current number of observation, 1049.

Date. Oct. 10, 1881.

Locality, Off Capes of Delaware

Bearings. Lat. 38° 28' N.
Long. 73° 22' W.

Time of day, 3.30 P.M.

State of sky, Clear

Temperature of air, 68.

" surface of water, 66.

" at depth of 5 fathoms, 66.

" of bottom, 40.

Depth, in fathoms, 435.

Nature of bottom, Mud

Direction of ~~surface current~~ wind N.

Force of ~~surface current~~ " 4.

Direction of ~~bottom current~~ drift N. N. W., 2 m.

Force of bottom current.

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date.

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide.

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water.

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, 1006. Dredge

Current number of observation, 1006.

Date, Aug. 26 1887.

Locality, Vineyard Sd

Bearings, Between Buoy 25 and Devils Bridge

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms, 2 to 4.

Nature of bottom, Stony.

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel, Lookout

To what service attached,

Name and rank of commanding officer, Lieut Wood

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Dredge.

Current number of observation, 1007.

Date, Aug. 26

Locality, Vineyard Sd

Bearings, Narrows on East

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms, 2 to 4.

Nature of bottom, Rocks

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel, Lookout

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1008

Date, Aug. 20

Locality, Vineyard Sound

Bearings, Devils Bridge

Time of day, ; of tide.

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom.

Depth, in fathoms, 2 to 4.

Nature of bottom, Sandy.

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel, Coast Survey

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Sigsbee

Current number of observation, 1009.

Date. Aug. 26

Locality, Kingsand Rd

Bearings, West of Gay Head

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms, 8 – 9.

Nature of bottom, Stony.

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel, Lookout

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1010.

Date, Aug. 26

Locality, Vineyard Sd

Bearings, West of Gay Head

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms, 8, to 9 fms.

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel, Lookout

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation, 1011 - 1012

Date,

Locality,

Bearings, Same as 10, 6. 7. 8 farther east

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel, Lookout

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1013.

Date, Aug. 26

Locality, Vineyard Sd

Bearings, 1½ m. east of Devil's Bridge, westward to near buoy 25.

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms, 10 – 12

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel, Lookout

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1014.

Date, Aug. 26.

Locality, Wimbrey Head

Bearings, 1 mile N. of Lime pt.
Head Buoy, 1 mile West

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel, Lookout

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

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Temperature of air,

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REMARKS.